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HALE URBAN DISTRICT COUNCIL.

A N N U A L R E P O R T S
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of the

MEDICAL OFFICER OF HEALTH

AND SANITARY INSPECTOR

FOR THE YEAR 1945

=====



HALE URBAN DISTRICT COUNCIL

=====

SANITARY COMMITTEE.

Councillors J. W. PARRY, J.P., C.C. (Chairman).

H. ARNOLD.

J. CLARKE.

F. C. EDMUNDS.

E. M. JOHNSON, M.Sc. (Tech), A.M.I.E.E.

F. H. HOLMES.

N. HOUGHTON.

H. PEDDAR.

J. W. ROGERS.

R. H. TOOTILL, J.P., C.C.

J. W. WARBURTON.

J. E. KEWELL.

Co-opted Members of the Maternity and Child Welfare Committee:-

MRS. R. I. MIDGLEY.

MRS. D. MORRISON.

N. S. THOMAS,
Clerk of the Council.

D. I. CONNOLLY, M.B., Ch.B., D.P.H. (Vict)
Medical Officer of Health.
Medical Superintendent, Child Welfare and Ante-Natal Clinic.

F. J. SEALEY, M.S.I.A., C.S.I.B.
Sanitary Inspector and Cleansing Superintendent.

MISS L. M. HEATON, S.R.N., S.C.M.
Health Visitor, Infant Protection Visitor.

MISS E. DRINKWATER,
Clerk-Typist.

STATISTICAL SUMMARY.

1. GENERAL STATISTICS.

Area (Statute Acres)	...	...	...	...	2,264
Resident Population (Registrar General's Estimate, 1945)	...	...	...	...	11,430
Population (Census, 1931)	...	...	...	...	10,667
Number of Inhabited Houses (Per Rate Books, 1945)	...	...	...	...	3,756
Number of Dwellings occupied by one private family (1931)	...	...	...	...	2,669
Rateable Value	...	...	...	...	£142,217
Sum represented by a penny rate	...	...	...	...	£575
Total Rates	...	...	...	...	11/-

2. VITAL STATISTICS.

		Males.	Females.	Total.
Live Births - Legitimate	...	69	74	143
Illegitimate	...	6	3	9
Total	...	75	77	152
		====	====	=====

Stillbirths - Legitimate	...	-	1	1
Illegitimate	...	1	-	1
Total	...	1	1	2
		====	====	=====

Still-birth Rate per 1,000 live and still births	...	13.0
Birth-Rate	...	13.47

		Males.	Females.	Total.
Deaths	...	75	72	147
Death-Rate	...	...	...	12.86
Deaths from Puerperal Causes	...	...	...	Nil
Death-Rate from Puerperal Causes (per 1,000 births)	...	...	...	Nil

Total Deaths of Infants under one year of age	...	7
Legitimate	...	7
Death-Rate per 1,000 legitimate live births	...	49.0
Illegitimate	...	Nil
Death-Rate per 1,000 illegitimate live births	...	Nil

Death-Rate of Infants under one year of age	...	46.1
Deaths from Measles (all ages)	...	Nil
Deaths from Whooping Cough (all ages)	...	1
Deaths from Diarrhoea (under 2 years of age)	...	1
Deaths from Cancer	...	24

Public Health Department,
Council Offices,
Ashley Road,
HALE, Cheshire.

I have the honour to present my Annual Report for the year 1945.

The birth rate, though continuing high for Hale, is still below that for England and Wales. The number of births slightly exceeded the number of deaths during the year so that the increase of population continues. Among the births it is regrettable to have to report that 10 were illegitimate. This number is high for Hale and may be assumed to result from the post war social conditions.

As you will see from the body of the Report there were no deaths from Puerperal causes.

The Infant Mortality rate compares favourably with that of the country as a whole.

Cancer deaths continue to be high being due, most likely, to the incidence of age such as prevails in a district like Hale.

Immunisation against Diphtheria continues to be fairly satisfactory. Excepting children under one year of age, whose immunisation is not usually recommended, the rate both for children under five and those over five is upwards of 70%. The continued absence of Diphtheria cases would seem to suggest that immunisation is having its desired effect. The two cases of Diphtheria notified occurred in adults who had not been immunised.

D. I. CONNOLLY.

BIRTHS.

Boys, 75; Girls, 77; Total 152.

The number of births registered in the district was 48. In addition to these, 104 belonging to the district, but registered elsewhere, have been added, making a total of 152 - 3 less than last year, and 10 less than the peak year in 1910, when 162 births were recorded.

This gives a birth-rate of 13.47 per 1,000 of the population, as compared with 16.1 for England and Wales.

INFANT MORTALITY.

Seven deaths occurred among children under one year of age during 1945, as compared with five last year and eleven in 1943.

The following table gives the infant mortality rate for this district during the war years:-

<u>1940.</u>	<u>1941.</u>	<u>1942.</u>	<u>1943.</u>	<u>1944.</u>	<u>1945.</u>
10.10	31.0	50.8	68.3	32.3	46.1

DEATHS.

Males, 75; Females, 72; Total 147.

This gives a death-rate of 12.86 per 1,000 of the population, a reduction on last year's high figure of 13.55

UNCERTIFIED DEATHS AND INQUESTS.

During the year inquests were held in connection with the deaths of 11 persons; in 3 cases death was found to be due to natural causes, and in 8 cases death followed as the result of accidents, or suicide.

CANCER (MALIGNANT DISEASE).

There were 24 deaths from Cancer (13 males, 11 females), giving a rate of 2.10 per 1,000 of the population.

Classified Deaths from Cancer.

Localisation						No.
Mouth and Oesophagus	...	...	...	...	...	2
Generative Organs	...	...	...	...	...	-
Stomach and Duodenum	...	...	...	...	...	4
Breast	...	...	...	...	...	2
Other Sites...	...	...	...	...	...	16
TOTAL						24

ORGANIC HEART DISEASE.

During the year there were 45 deaths from heart diseases, giving a death-rate of 3.94 per 1,000 of the population.

RESPIRATORY ORGANS.

The deaths numbered 16 (Pulmonary Tuberculosis 3; Bronchitis 6; Pneumonia 4; Other Respiratory Disease 3), giving a death-rate of 1.40 per 1,000.

PREVALENCE AND CONTROL OVER INFECTIOUS DISEASES.

During the year 62 cases of Infectious disease, other than Tuberculosis, were notified, this total being made up as follows:-

Tables of Notifiable Diseases (Other than
Tuberculosis).

Disease	No. Notified	Admitted to Hospital	Total Deaths
Smallpox	-	-	-
Scarlet Fever	4	2	-
Whooping Cough	1	1	1
Diphtheria	2	2	-
Enteric Fever	-	-	-
Pneumonia	1	-	4
Puerperal Pyrexia	1	-	-
Erysipelas	3	1	-
Measles	50	-	-
Meningitis	-	-	-
Totals	62	6	5

Apart from Measles the district was notably free from infectious disease. The two Diphtheria cases were both adults who had not been immunised.

Disinfection was carried out as in previous years by spraying infected rooms with formalin solution and fumigating with vapour. Infected bedding and clothing are treated with steam or destroyed. Disinfectants are supplied free to residents of Hale.

Number of houses fumigated during 1945	...	...	...	22
Number of Schools fumigated during 1945	...	...	...	Nil
Number of rooms fumigated during 1945	...	...	...	27
Bedding and other articles disinfected	...	...	...	19
Bedding Destroyed...	...	...	...	5

IMMUNISATION.

The campaign for the immunisation of children against Diphtheria has been successfully continued. Children are received for immunisation at the Maternity & Child Welfare Clinic. The local practitioners also contribute to the campaign, and more than two thirds of the children of the district are protected:

	Under 5	5 - 15	Total
Total children immunised during year	128	3	131
Estimated Child Population	698	1360	2058
Total number of children immunised at end of year	407	1069	1476
Percentage of children immunised at end of year	58.3	78.5	71.2

TUBERCULOSIS.

Particulars of new cases of tuberculosis and of deaths from the disease are given in the following table:-

Age Periods	NEW CASES				DEATHS			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M	F	M	F	M	F	M	F
Years								
0 - 1 ...	-	-	-	-	-	-	-	-
1 - 5 ...	-	-	-	1	-	-	-	-
5 - 15 ...	-	-	1	-	-	-	-	-
15 - 25 ...	1	1	-	1	-	-	-	-
25 - 35 ...	-	1	-	1	-	-	-	-
35 - 45 ...	1	-	1	-	1	-	-	-
45 - 55 ...	2	-	-	-	-	1	-	-
55 - 65 ...	-	-	-	-	1	-	-	-
65 and upwards	-	-	-	-	-	-	-	-
TOTALS ...	5	2	2	3	2	1	-	-
	7		5		3		-	

The number of cases receiving sanatorium treatment during the year was 8; in addition 2 non-pulmonary cases received hospital treatment.

The notification of tuberculosis is satisfactory, and it has not been necessary to take any action in cases of neglect or refusal to notify.

At the end of the year there were 69 cases of Tuberculosis in this district, as compared with 62 at the outbreak of war in 1939. Details are as follows:-

	MALES		FEMALES		TOTALS
	Pulmonary	Non-Pulmonary	Pulmonary	Non-Pulmonary	
1939	20	5	18	19	62
1945	23	11	20	15	69

GENERAL PROVISION OF HEALTH SERVICES IN THE AREA.

There has been no change in the provisions previously recorded which are as follows:-

Bacteriological Examination in Diagnosis of Infectious Disease.

The following is a statement of the bacteriological examinations of specimens sent from this District during the year. The examinations of sputum for human tuberculosis were carried out at the laboratory of the County Medical Officer of Health. Other specimens were examined at the Public Health Laboratory of the Victoria University of Manchester.

DIPHTHERIA	TYPHOID FEVER	SCARLET FEVER	TUBERCULOSIS	VINCENT'S ANGINA
Total Positive	Total Positive	Total Positive	Total Positive	Total Positive
10	-	-	24	1

The Cheshire County Council make arrangements for the examination of specimens in the detection of venereal diseases.

AMBULANCE FACILITIES.

(a) Infectious cases are removed in Motor Ambulances arranged by the North Cheshire Joint Hospital Board.

(b) Two Motor Ambulances are provided by the Hale and Bowdon Joint Fire and Ambulance Committee; the service is adequate. The Ambulances are available both day and night for the removal of cases of accident or sudden illness; they are also available for the removal of cases requiring hospital or surgical treatment, by arrangement.

Professional Nursing in the Home.

Through the local Nursing Association the services of six nurses are available for general nursing. The Association is entirely voluntary.

There are also arrangements in force whereby the services of these nurses can be placed at the disposal of the Council, when required in connection with Maternity and Child Welfare Work.

Private nurses are available from various Nurses' Homes situate in Manchester and the neighbouring districts.

MIDWIVES.

There is no employment of (or subsidy to) practising midwives in the district, by this Council, as the Midwives' Act is administered by the Cheshire County Council.

Hospital Accommodation.

INFECTIOUS DISEASES.

The North Cheshire Joint Hospital Board, of which this Council is one of the Constituent Authorities, have, by the terms of an agreement with the Manchester Corporation, the use of 45 beds in Monsall Hospital, belonging to the Manchester Corporation, for cases of Infectious Disease, and an option, subject to six months' notice during the subsistence of the agreement, for the further use of an additional number of beds not exceeding ten.

SMALL POX.

Also, by the terms of the above Agreement, the Manchester Corporation will receive and treat at their Clayton Hospital such cases of Small Pox occurring within the district as may be sent to such Hospital by the Board.

TUBERCULOSIS.

The Board have the call on ten beds in Baguley Sanatorium for the accommodation and treatment of cases of Phthisis occurring within the area.

There are no treatment centres or clinics other than the one established under the Maternity and Child welfare Scheme.

Hospital Contributions.

The Council subscribes to and make direct arrangements with the following Hospitals:-

- The Royal Infirmary, Manchester - General Medical and Surgical.
- St. Mary's Hospital, Manchester - Maternity Cases.
- The Manchester and Salford Hospital for Diseases of the Skin.
- The General Hospital, Altrincham - Consisting of 100 beds, affording Medical Surgical, X-ray, Electrical and Massage Treatment.
- The Royal Manchester Children's Hospital.
- The Altrincham and District Orthopaedic After-Care Clinic.

The whole of the above Hospitals are maintained by voluntary contributions.

Other voluntary Hospitals, situate in the City of Manchester, are available for the reception and treatment of patients from the district of Hale, and arrangements exist with the Cheshire County Council for the admission of maternity cases to Southfields Maternity Home, where home conditions or potential complications warrant it.

MATERNITY AND CHILD WELFARE CENTRE.

This Centre is in a central position, and is provided by the Council with subsidy. Sessions are held every Wednesday, with the exception of the first Wednesday in each month, when the Ante-Natal Clinic is held. The total number of sessions held during the year was 37.

The Centre is under the direct supervision of the Medical Officer of Health, assisted by a nurse and staff of voluntary workers. It gives great pleasure once again to express appreciation of the work done by these ladies.

The following figures of attendances will show the work of the Centre during the year 1945:-

	<u>Total</u>
1. Number of attendances at the centre during the year	2535
(a) Children under 1 year	1728
(b) Children 1 to 5 years	807
2. Number of children attending for the first time:..	
(a) Children under 1 year	112
(b) Children 1 to 5 years	13
3. Number of children in attendance at the end of the year:-	
(a) Children under 1 year	73
(b) Children 1 to 5 years	178

CLASSIFIED LIST OF VISITS MADE BY HEALTH VISITOR.

Total Number of visits	1238
To Expectant Mothers:-	
First visits	40
Total visits	77
To Children under 1 year:-	
First visits	113
Total visits	474
To Children aged 1 to 5 years:-	
Total visits	687

ANTE-NATAL CLINIC.

Sessions are held once every month (Wednesday afternoons) under the supervision of the Medical Officer of Health, assisted by the Health Visitor. Routine examinations are carried out, advice given, and necessary information forwarded to the midwife or medical practitioner engaged to attend at the time of confinement.

Arrangements have been made with Dr. K. Vernon Bailey, Consulting Obstetrician, to whom cases can be referred and interviewed at his private consulting rooms, 2, St. John Street, Manchester. Arrangements can also be made for the Specialist to be in personal attendance at the Clinic.

Number of sessions held during the year	...	...	12
Total number of attendances	...	...	83
Number of Expectant Mothers attending during the year	...	...	39

No patients were referred to the Consulting Obstetrician during the year, but two cases were referred to St. Mary's Hospital, and subsequently admitted for confinements.

Eleven expectant mothers were admitted to the Southfields County Maternity Home during the year.

Two mothers attended the Centre for post-natal examination.

DENTAL TREATMENT.

Free dental treatment is available to Ante-Natal patients in necessitous cases. During the year no patients received treatment at the expense of the Council.

CARE OF PREMATURE INFANTS.

Consideration has been given to Circular 20/44 of the Ministry of Health on the above-named subject. The Council have taken action to secure accurate information as to prematurity by asking Medical Practitioners and Midwives to indicate on birth notification cards the weight of the baby at birth. It is intended that the Services of the Health Visitor and Home Help shall be particularly directed to any such cases as are born at home.

There are no Maternity Hospitals under the Council's control so that the question of special provision in such Hospitals does not arise as far as this Council is concerned.

The Ambulance available in this area is provided with Oxygen apparatus as recommended, for the transport of premature babies.

HOME HELP SERVICE.

The Council have one full-time home help and part-time assistance, but the needs are such that consideration is being given to the engagement of a second full-time help. During the year helps were engaged for 23 cases of which 14 were in respect of maternity cases, and 9 in respect of general illness. The usual duration of the home help's engagement on each case is a fortnight.

ORTHOPAEDIC TREATMENT.

Treatment is available for children from this area at the Altrincham Orthopaedic Clinic, which is supported by voluntary contributions. The Clinic meets on Tuesday afternoons at the Altrincham General Hospital, and is under the supervision of Mr. H. Poston, F.R.C.S.

PREVENTION OF BLINDNESS.

No action was necessary under Section 176 of the Public Health Act, 1936, for the prevention of blindness or for treatment of persons suffering from any disease or injury to the eyes.

MATERNAL MORTALITY.

No maternal deaths were notified in this area during 1945.

Enquiries, respecting Maternal Deaths belonging to this district are made by the County Medical Officer of Health.

CARE OF ILLEGITIMATE CHILDREN.

The number of illegitimate children born in the district is very small; 10 - a high figure for Hale - being recorded during the year.

Although there is no Institution in this area for the reception of unmarried mothers, arrangements can be made with the County Council for their admission to a Maternity Home for the period covered by their confinement. The Diocesan Moral Welfare Officer is in close contact with many of these cases.

CHILD LIFE PROTECTION.

The Health Visitor is appointed Child Protection Visitor to carry out the duties detailed in the Public Health Act, 1936.

Number of Children on Register at commencement	...	2
Number of Notices received respecting Children	...	2
Number of Children whose names were removed from Register on account of removal	...	1
Number of Children who died during the year...	...	Nil
Number of Children adopted by Foster Parents	...	1
Total now remaining on Register	...	2

The Children have all been found to be satisfactorily cared for, and it has not been necessary to institute any proceedings under this Act.

DISINFESTATION.

No action has been necessary by the Department with regard to Scabies or Lice.

Details of disinfestation with regard to Bugs, and Rats and Mice will be found in the accompanying Report of the Sanitary Inspector.

DISTRIBUTION OF MILK AND FOODS.

During the year the following milk and foods were sold at the Clinic:-

Cod Liver Oil and Malt	...	...	...	...	...	95 jars
Calcium Tablets.	...	...	...	...	...	63 boxes
Lactagol	...	...	...	...	...	107 packets
Vitamin A. & D. Tablets	...	...	...	...	...	160 boxes
Cow & Gate Food	...	...	...	...	...	3182 packets
Ostermilk	...	...	...	...	...	199 packets
Prenatalac	...	...	...	...	...	103 packets
Vitamin C Tablets	...	...	...	...	...	8 boxes

The total proceeds of the sale of foods at the Clinic during the year as £329.0.0d.

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TABLE 1.

HALE URBAN DISTRICT.

Causes of Death for the year 1945.

CAUSE OF DEATH	M.	F.	TOTAL
Whooping Cough	1	-	1
Pulmonary Tuberculosis	2	1	3
Cancer	13	11	24
Diabetes	1	3	4
Cerebral Haemorrhage	6	8	14
Heart Disease	23	22	45
Other Circulatory Diseases	-	5	5
Bronchitis	5	1	6
Pneumonia	3	1	4
Other Respiratory Diseases	2	1	3
Ulcer of Stomach or Duodenum	2	-	2
Diarrhoea under 2 years	1	-	1
Other Digestive Diseases	1	1	2
Nephritis	-	2	2
Premature Birth	3	-	3
Congenital Malnutrition, birth injuries & infant Diseases)	1	1	2
Road Traffic Accidents	1	-	1
Other Violent Causes	3	1	4
All other Causes	7	14	21
TOTALS	75	72	147

TABLE 2.

HALE URBAN DISTRICT.

VITAL STATISTICS OF WHOLE DISTRICT during 1945 and previous years

Year	Popul- tion middle of each year	BIRTHS			Total Deaths registered in the District	TRANSFERABLE DEATHS		NET DEATHS BELONGING TO THE DISTRICT			
		Un- corr- ected Number	Net			of Residents not registered in the District	Residents not registered in the District	Under 1 year of Age			
			Number	Rate				Number	Rate per 1,000 Births	Number	Rate
1936	11,545	55	110	9.60	89	8	50	6	54.6	131	11.43
1937	11,680	60	121	10.36	87	2	37	2	16.5	122	10.44
1938	11,720	66	138	11.77	85	3	38	3	21.74	120	10.24
*1939	11,680(a) 12,040(b)	61	122	10.96	103	6	38	2	16.39	135	11.21
1940	12,610	51	99	7.85	123	8	58	1	10.10	173	12.35
1941	12,270	54	125	10.19	93	12	68	4	51.0	149	12.14
1942	11,830	48	138	11.67	81	5	51	7	50.8	127	10.73
1943	11,450	58	161	14.06	91	4	58	11	68.3	145	12.66
1944	11,440	41	155	13.55	114	4	45	5	32.3	155	13.55
1945	11,430	48	152	13.47	106	13	54	7	46.1	147	12.86

Area of the District in acres (land and inland water) ... 2264 (Statute)
Total Population at all ages ... 10,667 at Census of 1931.

* (a) indicates residential population
(b) " average population appropriate to calculation of death-rate.

TABLE 3.

Cases of INFECTIOUS DISEASE notified during the Year 1945.

DISEASE	Total No. Cases notified	Und. 1	AT AGES - YEARS										WARD DISTRIBUTION				Cases remov- ed to Hosptl.	Total Deaths	
			1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	Over 65	Central	North	South- East			West
Scarlet Fever	4	-	1	-	-	-	1	-	-	2	-	-	2	1	1	-	2	-	
Diphtheria	2	-	-	-	-	-	-	-	-	-	2	-	-	2	-	-	2	-	
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Pneumonia	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	4	
Erysipelas	3	-	-	-	-	-	-	-	-	-	-	1	1	1	1	1	1	-	
Pulmonary Tuberculosis	7	-	-	-	-	-	-	-	-	-	3	1	2	1	4	2	-	3	
Non-Pulmonary Tuberculosis	5	-	-	-	-	1	1	-	-	-	2	1	-	2	2	1	-	-	
Ophthalmia Neonatorum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cerebro-Spinal Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dysentery	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Puerperal Pyrexia	1	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	
Measles	50	-	5	2	5	10	22	2	1	2	1	-	12	15	11	12	-	-	
Whooping Cough	1	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	1	
Totals	74	1	6	2	5	12	24	2	3	9	5	4	2	18	25	17	14	6	8

R E P O R T O F S A N I T A R Y
I N S P E C T O R .

To the Chairman and Members of the
Hale Urban District Council..

Gentlemen,

I beg to present my Annual Report for the year 1945.

SANITARY CIRCUMSTANCES OF THE AREA.

WATER SUPPLY.

The long delayed scheme for providing mains water to 23 properties in the added area of Ringway was finally executed during the year, with the result that there are now only ten houses, all in the isolated parts of the area, which are without mains water.

Mains water is supplied by the Manchester Corporation, and a constant supply of excellent quality is maintained. Supply is in all cases direct to the houses, standpipes being non-existent in the area.

I am indebted to the Engineer of the Manchester Corporation Waterworks for the following information with regard to the supply:-

"The water supply has been satisfactory in quality and quantity.

Bacteriological examinations are made of the raw water and of the water going into supply. In the latter case, out of 108 samples tested, 107 were found to be free from coliform bacteria. The results of the chemical analysis were satisfactory.

As a precaution against plumbo-solvent action, the water is treated with hydrated lime. This reduces the lead content of water after standing for 20 hours in lead service pipes to about .20 part per million. "

SANITARY ACCOMMODATION.

In the district there remain only 49 pail closets, but the absence of available sewers and mains water supply prevents the installation of water closets at the houses which are at present served by these conveniences.

Total Number of Water Closets	...	...	3930
Total Number of Pail Closets	...	...	49

SMOKE ABATEMENT.

No statutory nuisance has been detected at the two factory chimneys which have in the past given cause for complaint.

ERADICATION OF BED BUGS AND OTHER INSECT PESTS.

One house was found to be infested with bugs during the year, but was cleared after fumigation with sulphur dioxide. Infestations at other premises included the following:-

Silverfish	(1)	- cleared with D.D.T.
Fleas	(1)	- cleared with D.D.T.
Crickets	(1)	- cleared with Sodium Fluoride.

The Council's Tip was successfully treated against crickets by spraying with a tar oil disinfectant solution.

PREMISES AND OCCUPATIONS WHICH CAN BE
CONTROLLED BY BYELAWS AND REGULATIONS.

There are several stables and one knacker's yard in the district. Removal of refuse is required weekly. 21 inspections have been made to ensure compliance with this requirement. The yard at one stable was repaved during the year. There is also a fat melting plant in the area, but same is not being used at present.

SANITARY INSPECTIONS OF THE DISTRICT

COMPLAINTS.

92 complaints were received and investigated during the year.

SUMMARY OF ROUTINE INSPECTIONS.

Inspections of dwelling houses re complaints	...	...	109
Inspections of dwelling houses re overcrowding	...	...	5
Number of visits re infectious disease	...	...	29
Disinfections	...	...	1
Inspections of houses for dilapidated ashbins	...	...	46
Inspections re Certificates of Essentiality	...	...	23
Inspections re Building Licences	...	...	256
Visits re Sick Bay for Evacuees	...	...	31
Visit to House let in Lodgings	...	...	1
Inspections of cowsheds	...	...	21
Inspections of dairies and milkshops	...	...	53
Inspections of Milk Vehicles	...	...	5
Inspections of Ice Cream premises	...	...	3
Inspections of bakehouses	...	...	30
Inspections of butchers' shops	...	...	12
Inspections of meat after home slaughter	...	...	2
Inspection of fishmongers' shops	...	...	1
Inspection of fried fish shops	...	...	1
Inspections of other food shops	...	...	19
Inspections of schools	...	...	2
Inspections of factories (with mechanical power)	...	...	36
Inspections of factories (without mechanical power)	...	...	16
Inspection of Shops	...	...	2
Inspection of other workplaces	...	...	1
Inspections re water supply	...	...	47
Inspections re drainage and septic tank installations	...	...	69
Inspections of houses re Rats and Mice	...	...	66
Inspections of sewers re Rats and Mice	...	...	55
Inspections re salvage	...	...	5
Inspections re refuse removal	...	...	3
Inspections of refuse tip	...	...	23
Inspections of knacker's yard	...	...	16
Inspections of stables	...	...	5
Inspections of piggeries	...	...	2
Inspections of Military Premises	...	...	14
Miscellaneous inspections and visits	...	...	74
			<u>1084</u>
Revisits re work ordered or in progress	...	...	<u>339</u>
Total Number of inspections and revisits	...	...	<u>1423</u>
			====

STATISTICS.

Number of New houses erected during the year:-

(a)	Total (including numbers given separately under (b))		
(i)	By the Local Authority	...	Nil
(ii)	By other Local Authorities	...	Nil
(iii)	By other bodies and persons	...	Nil
(b)	With State assistance under the Housing Acts	...	Nil

1. Inspection of Dwelling-houses during the year:-

(1)(a)	Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	162
(b)	Number of inspections made for the purpose	162
(2)(a)	Number of dwelling-houses (included under sub-head (1) above) which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	Nil
(b)	Number of inspections made for the purpose	Nil
(3)	Number of dwelling-houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	Nil
(4)	Number of dwelling-houses (exclusive of those referred to under the preceding sub-head) found not to be in all respects reasonably fit for human habitation	162

2. Remedy of Defects during the year without service of formal Notices:-

Number of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	249
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3. Action under Statutory Powers during the year:-

(a)	Proceedings under sections 9, 10 and 16 of the Housing Act, 1936:	
(1)	Number of dwelling-houses in respect of which notices were served requiring repairs	Nil
(2)	Number of dwelling-houses which were rendered fit after service of formal notices:-	
(a)	By owners	Nil
(b)	By Local Authority in default of owners	Nil
(b)	Proceedings under Public Health Acts:	
(1)	Number of dwelling-houses in respect of which notices were served requiring defects to be remedied	Nil
(2)	Number of dwelling-houses in which defects were remedied after service of formal notices:	
(a)	By owners	Nil
(b)	By Local Authority in default of owners	Nil
(c)	Proceedings under sections 11 and 13 of the Housing Act, 1936:-	
(1)	Number of dwelling-houses in respect of which Demolition Orders were made	Nil
(2)	Number of dwelling-houses demolished in pursuance of Demolition Orders	Nil
(3)	Number of dwelling-houses in respect of which undertakings not to re-let for human habitation were accepted	Nil
(d)	Proceedings under section 12 of the Housing Act, 1936:-	
(1)	Number of separate tenements or underground rooms in respect of which Closing Orders were made	Nil
(2)	Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	Nil

4. Housing Act, 1936 - Part IV - Overcrowding:-

Estimated number of cases of overcrowding - per Housing Survey	52
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NOTICES.

Informal Notices served during the year	139
Statutory Notices served during the year	1
Informal Notices complied with during the year	...	...	...	182
Statutory Notices complied with during the year	...	...	...	1

IMPROVEMENTS.

HOUSING -

Brickwork repaired or repointed	...	...	...	2
Roofs repaired and rendered watertight	...	...	...	22
Chimney flashings repaired or renewed	...	...	...	2
Eaves gutters cleansed or repaired	...	...	...	3
Rain water pipes cleansed or renewed...	...	...	...	1
Firegrates repaired or renewed...	...	...	...	5
Doors repaired or renewed	...	...	...	2
Handrails provided...	...	...	...	3
Windows made to open or otherwise repaired...	...	...	...	3
Sashcords renewed	...	...	...	1
Wood floors repaired	...	...	...	10
Wall and ceiling plaster repaired	...	...	...	3
Mains water supply provided	...	...	...	23
Water service pipes and taps repaired	...	...	...	7
Rats and mice exterminated	...	...	...	39
Sink or bath wastepipes renewed	...	...	...	5
Sinks renewed or provided	...	...	...	1
Disinfested after bugs or fleas or other insect pests	...	...	...	7
Houses cleansed	...	...	...	1
Domestic hot water systems repaired or renewed	...	...	...	1
Accumulations of refuse, etc. removed	...	...	...	3
Nuisance from keeping animals abated...	...	...	...	2
Boundary fences repaired or renewed	...	...	...	52
Cellar steps repaired	...	...	...	1

DRAINAGE -

Public Sewers cleansed	...	...	...	5
Public Sewers repaired	...	...	...	1
Drainage systems repaired or reconstructed...	...	...	...	5
Choked drains cleared	...	...	...	17
Septic tank plants cleansed or otherwise put in order	...	...	...	9
Sub-soil drains cleansed...	...	...	...	2
Sub-soil drains provided...	...	...	...	2
Inspection chambers provided	2

WASHING ACCOMMODATION -

Washhouses repaired	1
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SANITARY CONVENIENCES -

Wash-out closet basins renewed	3
Water closets provided in lieu of pail closets	5
New basins provided	...	...	...	1
Cisterns repaired or renewed	...	...	...	1
Water supply provided or re-provided...	...	...	...	6
W.C. compartments cleansed	...	...	...	2
W.C.'s otherwise repaired...	4

REFUSE RECEPTACLES -

Dilapidated ashbins renewed	62
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Other Improvements	13
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TOTAL IMPROVEMENTS	340
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CERTIFICATES OF ESSENTIALITY AND BUILDING LICENCES FOR BUILDING REPAIRS.

The issue of Building Licences and Certificates of Essentiality for Building Repairs is carried out by the Sanitary Inspector.

During the year 232 Building Licences and 37 Certificates of Essentiality were issued. These Certificates and Building Licences provided for the bringing into use of a further 29 housing units, made up as follows:-

Military Houses reinstated	...	...	12
Extra Units by Flat Conversions, etc...	...	...	12
New Houses licensed	...	...	5

FACTORY AND WORKSHOP ACT, 1901 and FACTORY ACT, 1937.

During the year 53 inspections of factories and workplaces were made; no written notices were served but verbal intimation of infringements was given at 6 premises.

1. INSPECTION for purposes of provisions as to health.

PREMISES (1)	NUMBER OF		
	Inspect- ions. (2)	Written Notices. (3)	Occupiers Prosecuted. (4)
Factories with mechanical power ...	36	Nil	Nil
Factories without mechanical power...	16	Nil	Nil
Other Premises under the Act (including works of building and engineering construction, but not including outworkers' premises) ...	1	Nil	Nil
TOTAL... ..	53	Nil	Nil

2. DEFECTS FOUND.

Particulars (1)	Number of Defects			Number of defects in respect of which Prosecutions were instituted. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
Want of cleanliness (S.1) ...	3	4	-	-
Overcrowding (S.2) ...	-	-	-	-
Unreasonable temperature (S.3) ...	-	-	-	-
Inadequate ventilation (S.4)...	-	-	-	-
Ineffective drainage of floors (S.6)	-	-	-	-
Sanitary Conveniences (S.7):				
Insufficient ...	-	-	-	-
Unsuitable or defective ...	-	1	-	-
Not separate for sexes ...	-	-	-	-
Requiring cleansing...	2	3	-	-
Other offences (not including offences relating to Home work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937)	2	2	-	-
TOTAL	7	10	Nil	Nil

MEANS OF ESCAPE IN CASE OF FIRE -

Improved means of escape in case of fire was provided at one factory, and the necessary certificate issued.

SHOPS ACT, 1934 -

No action has been necessary in respect of the provisions of Section 10 of the Shops Act, 1934, during the year.

MILK SUPPLY -

The seven cowsheds and nineteen dairies in the district have maintained a good standard of cleanliness during the year. Four of our seven cowkeepers are now producing "Accredited" milk.

There were 40 milk purveyors on the register at the end of 1945.

MILK (SPECIAL DESIGNATIONS) ORDER, 1936 -

With a view to increasing the consumption of designated milk the Council again decided to issue all licences under the Order free of charge during 1946.

One new dairy was almost completed at the end of the year and a second firm were planning to move to more satisfactory premises.

6 Licences were issued under the Order during the year:-

Designation	Bottlers	Dealers	Supplementary	Totals
Tuberculin Tested ...	1	2	1	4
Accredited ...	-	-	-	-
Pasteurised ...	-	-	2	2
Totals ...	1	2	3	6

BACTERIOLOGICAL EXAMINATION OF MILK -

During the year 11 samples of milk were taken for examination. The detailed results of 35 tests carried out were as follows:-

	Methylene Blue Test		B. Coli		Plate Count Test		Phosphatase Test		Tuberculosis		Total Examinations.
	Satisfactory.	Unsatisfactory.	Satisfactory.	Unsatisfactory.	Satisfactory.	Unsatisfactory.	Satisfactory.	Unsatisfactory.	Negative.	Positive.	
Tuberculin Tested Milk	-	1	-	1	-	-	-	-	1	-	3
Accredited Milk	2	2	1	3	-	-	-	-	3	-	11
Pasteurised Milk	-	-	1 *	1 *	2	-	2	-	2	-	8
Heat-treated Milk	-	-	1 *	-	1	-	1	-	1	-	4
Non-Designated Milk	1 *	2 *	-	3 *	-	-	-	-	3	-	9
Totals	3	5	3	8	3	-	3	-	10	-	35

In considering these tabulated results it should be borne in mind that the figures marked with an Asterisk (*) refer to tests which are not supported by any legal standard, and whilst they form a useful guide it is not practicable to take strong action with regard to them.

The results as a whole give a very unsatisfactory picture. Only the Pasteurised and Heat-treated Milks came reasonably up to standard. Unsatisfactory samples in the area were followed by visits to the producers, and those produced outside the area were notified to the authorities in whose district the milk was produced.

It is gratifying to record that all the samples taken were free from Tuberculosis - not one positive result has figured in the past thirty-nine.

All the examinations were carried out at the Public Health Laboratory, York Place, Manchester.

INSPECTION OF MEAT AND OTHER FOODS -

There are no registered or licensed slaughterhouses in the district. Butchers obtain their meat supplies from Altrincham. 12 visits have been made to the shops, and the meat exposed for sale was of good quality. 2 pigs slaughtered for home consumption at farm premises were inspected and passed as fit for human food.

The following foods were condemned and destroyed:...

6 $\frac{3}{4}$ lbs. Beef.
5 $\frac{3}{4}$ lbs. Cheese.
10 lbs. Butter.
49 Packets Oats.
109 tins assorted foods.

FOOD AND DRUGS ACT, 1938 - SAMPLING.

The taking of samples under the Food and Drugs Act, 1938, is carried out by the Cheshire County Council.

I am indebted to Mr. S. Hallard, Chief Weights and Measures Inspector, Cheshire County Council, for the following report on the work under this heading, carried out during the year:-

Name of Sample	Number of samples obtained.	Number adulterated or not up to the recognised standard of quality.
Bacon	1	1
Butter	1	1
Oaster Oil	1	1
Cheese	1	1
Cooking Fat	1	1
Epsom Salts	1	1
Fish Paste	1	1
Glycerine	1	1
Glycerine Suppositories	1	1
Margarine	1	1
Meat Soup	1	1
Milk	17	4
Sausage	2	1
Sugar	1	1
Total	31	4

Continued on Page 18.

Particulars of Adulterated Samples.

<u>Article.</u>	<u>Result of Analysis.</u>	<u>Remarks.</u>
1.	Milk 18.6% deficient in fat.	Seller cautioned.
2.	Milk Adulterated with 8% of extraneous water	) These three samples were obtained, respectively, from two churns and a bottle of milk being retailed in the street. Subsequent follow-up samples were obtained from retailer's supplier and retailer's own cows and all were genuine. Seller was fined a total of £40 together with £5.5.6d. costs.
3.	Milk Adulterated with 10% of extraneous water	
4.	Milk Adulterated with 8.5% of extraneous water	

PUBLIC CLEANSING SERVICE -

The collection of refuse is carried out by the Local Authority over the whole district, the ashbins in the district having been emptied once a fortnight. Shortage of labour of the right type has been wholly responsible for any reduction of efficiency or regularity of the service which may have been evident during the year, but with the demobilisation of men from H.M. Forces improvement in the refuse collection service and a speedy return to weekly emptying of ashbins is anticipated.

SALVAGE -

The Salvage collection lagged as a result of the end of the war, but the figures shown are comparatively satisfactory:-

DESCRIPTION	WEIGHT			VALUE		
	Tons.	Cwts.	Qrs.	£.	s.	d.
Paper and Cardboard ...	57	8	2	366.	1.	6
Iron & Tins ...	21	6	2	31.	13.	9
Rags and other Textiles	2	3	1	25.	5.	6
Bottles ...	4	5	3	6.	9.	6
Bones ...	2	8	2	12.	5.	6
Totals ...	87	12	2	441.	15.	9
Totals for 1944	117	4	3	697.	11.	2

RATS AND MICE DESTRUCTION -

The Council continue to act as agents for the Cheshire County Council in executing their functions under the Rats & Mice Destruction Act and The Infestation Order, 1943, insofar as non-agricultural premises are concerned.

The primary work of investigation is carried out by myself and the actual baiting by one of the Council's workmen, trained in disinfection methods.

39 premises were found to be infested during the year, although the infestations were generally small, and more often than not associated with poultry keeping. In 26 cases the work of disinfection was successfully undertaken by the Council; in the other cases follow-up visits showed that the responsible person had succeeded in eliminating the rats by his own efforts.

In addition periodic treatments at least once every three months are carried out at the Council's Tip and Sewage Works.

DISINFESTATION OF SEWERS -

A re-treatment and maintenance treatment carried out on those sewer manholes, 19 in number, which the original baiting showed to contain rats, gave no 'takes', and one can safely assume that the number of rats in Hale sewers is negligible.

I am, gentlemen,

Your obedient servant,

F. J. SEALEY,

Sanitary Inspector.

